

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Art Unit:
Frank DIESTERBECK)	
)	Washington, D.C.
U.S. App. No.:)	
(Not Yet Assigned))	
)	April 2, 2001
Filing Date:)	
(Not Yet Received))	
For: PLASTIC CONTAINER WITH)	Docket No.:
		DIESTERBECK 3

PRELIMINARY AMENDMENT

Honorable Commissioner for Patents
Washington, D.C. 20231

Sir:

Contemporaneous with the filing of this case and prior to calculation of the filing fee, kindly amend as follows:

IN THE SPECIFICATION

Page 1, at the top, please delete "Gu/rb" through "51645 Gummersbach".

Between the title and the first paragraph, please insert the following headings:

--BACKGROUND OF THE INVENTION

Technical Field--;

Between the first and second paragraphs, please insert the following heading:

--Prior Art--.

Page 2, between the first and second paragraphs, please insert the following heading:

--OBJECT AND SUMMARY OF THE INVENTION--;

Please replace the first full paragraph on page 2, line 15, with the following rewritten paragraph:

--An object of the invention is to provide a plastic container with snap lid, which fulfills the special demands imposed on leak-proofness, while simultaneously providing high load-bearing capacity.--

Page 13, between the third and fourth full paragraphs, insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--.

Page 14, between the seventh and eighth paragraphs, insert the following heading:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT(S) OF THE INVENTION--.

Page 22, at the top, delete "Gu/rb" through "51645 Gummerbach".

IN THE CLAIMS

Page 24, at the top, delete "Gu/rb" through "Plastic container with snap lid and a sealing web located on the inside of the container".

Please amend the claims as follows:

1. (Amended) A plastic container with a snap lid, the container having an upper edge region, an inside and a snap element provided on the upper edge region of the container for the lid to snap onto, the lid having a circumferential sealing web projecting downwards that contacts

the inside of the container providing a sealing region, at least one projection extending in an essentially radial and essentially vertical direction provided on the lid radially inside the sealing web, wherein, a the vertical extension of an area of the projection adjacent to the sealing web is smaller than a total vertical extension of the projection.

2. (Amended) The container according to claim 1, wherein areas of the projection adjacent to the sealing web are provided which are formed as walls extending perpendicularly to the sealing web, the vertical extension of the walls adjacent to the sealing web being smaller than the total vertical extension.

3. (Amended) The container according to claim 1, wherein the projection is spaced radially apart from the sealing web located on the inside of the container.

4. (Amended) The container according to claim 3, wherein the projection is located on an inside circumferential edge integrally moulded on the sealing web and extends radially inward from the circumferential edge.

5. (Amended) The container according to claim 4, wherein the circumferential edge extends in the radial direction over one or more times the wall thickness from the inside of the sealing web and at least one projection is located radially inside relative to the circumferential edge.

6. (Amended) The container according to claim 1, wherein an area of the projection integrally moulded on the sealing web is spaced apart from an area of the sealing web that provides the greatest sealing effect.

7. (Amended) The container according to claim 1, wherein the sealing region of the sealing web is in the region of the vertical height of the projections.

8. (Amended) The container according to claim 1, wherein at least one projection is integrally moulded on the lid at a height of top side of an area extending radially inwards from the sealing web and sloping down towards the inside of the container.

9. (Amended) The container according to claim 1, wherein an additional circumferential sealing region is provided wherein areas of the projection of the lid integrally moulded on the sealing web and extending radially inward are spaced vertically apart from the additional sealing region.

10. (Amended) The container according to claim 9, wherein, the additional circumferential sealing region is arranged in a region of a top edge of the container.

11. (Amended) The container according to claim 1, wherein an indentation is formed in the inside wall of the container below the sealing web, on which a lower, free end of the sealing web can rest.

12. (Amended) The container according to claim 11, wherein an area projecting upwards beyond a bottom edge of the web is provided on the inside wall of the container, which lies radially inward relative to the circumferential sealing web.

13. (Amended) The container according to claim 1, wherein an inside lid surface on the inside of the container is positioned at a level not higher than the bottom edge of the sealing web.

14. (Amended) The container according to claim 1, wherein at least one radially projecting reinforcing rig is integrally moulded on the container edge in a region of a top edge of the container.

15. (Amended) The container according to claim 1, wherein a sealing region of the sealing web on the inside of the container is roughly level with the outer snap edge.

16. (Amended) The container according to claim 14, wherein a sealing region of the sealing web on the inside of the container is roughly level with the outer reinforcing rib of the container.

17. (Amended) The container according to claim 1, wherein a further sealing region between a top edge of the container and the lid is provided with a circumferential seal made of a material of greater elasticity than that of the container and the lid.

18. (Amended) The container according to Claim 1, wherein the container has a main axis and that an area which slopes down towards the inside wall of the container and is at an acute angle to the main axis of the container is provided radially inward on the top edge of a container.

19. (Amended) The container according to Claim 17, wherein the container has a main axis and that the seal is provided with an area which slopes down towards the inside wall of the container and is at an acute angle to the main axis of the container is provided radially inward on a top edge of the container.

20. (Amended) The container according to Claim 1, wherein at least one contact surface for lateral contact with the lid, which projects radially outward, is integrally moulded on the area adjacent to a top edge of the container on the outside.

21. (Amended) The container according to Claim 1, wherein the outside of the upper region of the container has a downward-facing circumferential collar region, which is joined in the region of a top edge of the container.

In the Abstract:

Delete the original abstract (headed "Summary") on the page following the claims, and insert a new Abstract as appears on a separate page attached hereto.

REMARKS

The above amendments to the specification and claims are being made in order to place the application into better condition for examination.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with Markings to Show Changes Made."

In re appln. of Frank DIESTERBECK (DIESTERBECK 3)

Favorable consideration and allowance are earnestly solicited.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

Paragraph beginning at page 2, line 15 has been amended as follows:

~~The~~ An object of the invention is to ~~design~~ provide a plastic container with snap lid, which fulfills the special demands imposed on leak-proofness, while simultaneously providing high load-bearing capacity.

In the claims:

1. (Amended) A plastic container with a snap lid, the container having an upper edge region, an inside and a snap element provided on the upper edge region of the container for the lid to snap onto, ~~where~~ the lid ~~has~~ having a circumferential sealing web projecting downwards that contacts the inside of the container providing a sealing region, ~~where~~ at least one projection ~~that extends~~ extending in an essentially radial and essentially vertical direction ~~is~~ provided on the lid radially inside the sealing web, ~~characterized in that~~ wherein, a the vertical extension of the an area of the projection adjacent to the sealing web is ~~small~~ relative to the smaller than a total vertical extension of the projection.

2. (Amended) The container ~~as per~~ according to claim 1, ~~characterized in that~~ wherein areas of the projection adjacent to the sealing web are provided which are ~~designed~~ formed as walls extending perpendicularly to the sealing web,

the vertical extension of the walls adjacent to the sealing web ~~is small relative to their~~ being smaller than the total vertical extension.

3. (Amended) The Ccontainer as per according to claim 1, ~~characterised in that~~ wherein the projection is spaced radially apart from the sealing web located on the inside of the container.

4. (Amended) The cContainer as per according to claim 3, ~~characterised in that~~ wherein the projection is located on an inside circumferential edge integrally moulded on the sealing web ~~an and~~ extends radially inward from the circumferential edge.

5. (Amended) The Ccontainer as per according to claim 4, ~~characterised in that~~ wherein the circumferential edge extends in the radial direction over one or more times the wall thickness from the inside of the sealing web and at least one projection is located radially inside relative to the circumferential edge.

6. (Amended) The cContainer as per according to claim 1, ~~characterised in that~~ wherein an the area of the projection integrally moulded on the sealing web is spaced apart from ~~the an~~ area of the sealing web that provides the greatest sealing effect.

7. (Amended) The Ccontainer as per according to claim 1, ~~characterised in that~~ wherein the sealing region of the sealing web is in the region of the vertical height of the projections.

8. (Amended) The Ccontainer as per according to
claim 1, ~~characterised in that wherein~~ at least one projection
is integrally moulded on the lid at ~~the a~~ height of ~~the top~~
side of an area extending radially inwards from the sealing
web and sloping down towards the inside of the container.

9. (Amended) The Ccontainer as per according to
claim 1, ~~characterised in that wherein~~ an additional
circumferential sealing region is provided ~~and in that wherein~~
areas of the projection of the lid integrally moulded on the
sealing web and extending radially inward are spaced
vertically apart from the additional sealing region.

10. (Amended) The Ccontainer as per according to
claim 9, ~~characterised in that wherein~~, the additional
circumferential sealing region ~~in is~~ arranged in ~~the a~~ region
of ~~the a~~ top edge of the container.

11. (Amended) The cContainer as per according to
claim 1, ~~characterized in that wherein~~ an indentation is
formed in the inside wall of the container below the sealing
web, on which ~~the a~~ lower, free end of the sealing web can
rest.

12. (Amended) The cContainer as per according to
claim 11, ~~characterised in that wherein~~ an area projecting
upwards beyond ~~the a~~ bottom edge of the web is provided on the
inside wall of the container, which lies radially inward
relative to the circumferential sealing web.

13. (Amended) The cContainer as per according to
claim 1, ~~characterised in that wherein the~~ an inside lid
surface on the inside of the container is positioned at a
level not higher than the bottom edge of the sealing web.

14. (Amended) The cContainer as per according to
claim 1, ~~characterised in that wherein~~ at least one radially
projecting reinforcing rig is integrally moulded on the
container edge in the a region of the a top edge of the
container.

15. (Amended) The cContainer as per according to
claim 1, ~~characterised in that wherein the~~ a sealing region of
the sealing web on the inside o the container is roughly level
with the outer snap edge.

16. (Amended) The cContainer as per according to
claim 14, ~~characterised in that wherein the~~ a sealing region
of the sealing web on the inside of the container is roughly
level with the outer reinforcing rib of the container.

17. (Amended) The cContainer as per according to
claim 1, ~~characterised in that wherein~~ a further sealing
region between the a top edge of the container and the lid is
provided with a circumferential seal made of a material of
greater elasticity than that of the container and the lid.

18. (Amended) The cContainer as per according to
Claim 1, ~~characterised in that wherein~~ the container has a
main axis and that an area which slopes down towards the
inside wall of the container and is at an acute angle to the

main axis of the container is provided radially inward on the top edge of ~~the~~ a container.

19. (Amended) The cContainer as per according to
Claim 17, ~~characterised in that wherein~~ the container has a main axis and that the seal is provided with an area which slopes down towards the inside wall of the container and is at an acute angle to the main axis of the container is provided radially inward on ~~the~~ a top edge of the container.

20. (Amended) The cContainer as per according to
Claim 1, ~~characterised in that wherein~~ at least one contact surface for lateral contact with the lid, which projects radially outward, is integrally moulded on the area adjacent to ~~the~~ a top edge of the container on the outside.

21. (Amended) The cContainer as per according to
Claim 1, ~~characterised in that wherein~~ the outside of the upper region of the container has a downward-facing circumferential collar region, which is joined in the region of ~~the~~ a top edge of the container.